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DESCRIPTION

PROCESS FOR PRODUCING SOFT MAGNETISM MATERIAL, SOFT
MAGNETISM MATERIAL AND POWDER MAGNETIC CORE

5 Cross-Reference to Prior Application

This is a U.S. National Phase Application under 35 U.S.C. §371 of International Patent Application No. PCT/JP2004/014477 filed on October 1, 2004. The International Application was published in Japanese on April 28, 2005 as WO 2005/038829 A1 under PCT Article 21(2). All applications are 10 incorporated herein by reference.

Technical field

The present invention relates to a soft magnetic material, a method for making the same, and a dust core. More specifically, the present invention 15 relates to: a method for making a soft magnetic material using compound magnetic particles formed from metal magnetic particles and insulation coating covering the metal magnetic particles; a soft magnetic material formed from metal magnetic particles; and a dust core formed using this soft magnetic material.

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Background Art

In electrical parts such as motor cores and transformer cores, efforts have been made to increase density and to make the design more compact.